Index of Claims

| Application | /Control No. |
|-------------|--------------|
|-------------|--------------|

10/634,027 Examiner

Applicant(s)/Patent under Reexamination EVDOKIMOV ET AL.

Art Unit

Nashaat T. Nashed, Ph. D.

1656

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla      | im                               | Date     |          |              |              |              |  |  |                |                 |
|----------|----------------------------------|----------|----------|--------------|--------------|--------------|--|--|----------------|-----------------|
|          |                                  |          |          |              |              |              |  |  |                |                 |
| Final    | Original                         | 4/7/06   |          |              |              |              |  |  |                |                 |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7  | N        |          |              |              |              |  |  |                |                 |
|          | 2                                | V        | _        | ļ_           | ┞.           | ↓_           | ╙  | ▙  | <u> </u>       | ऻ_              |
|          | 3                                | N        | <u> </u> | ₽-           | ļ            | ↓_           | ┞  | <u> </u>   | <del> </del> _ | ▙               |
|          | 4                                | N        |          | ├-           | <del> </del> | ┼            | ├-   | -  | ┞              | ├               |
|          | 2                                | √        | ⊢        | ╀            | ├            | ╁            | ⊢  | ┢  | ┝              | ┢               |
|          |                                  | ⊢        | ⊢        | ╀            | ⊢            | ╄            | $\vdash$   | ⊢  | <del> </del>   | $\vdash$        |
|          | 8                                | $\vdash$ | ├        | $\vdash$     | ┢            | ╁            | ⊢  | ┢  | -              | -               |
|          | 9                                | ┢        | $\vdash$ | H            | <del> </del> | ╁            | ╁╌   | ├  | ├              | ┢               |
|          | 10                               | ╁╌       | $\vdash$ | ┢            | $\vdash$     | ╁┈           | ╁  | $\vdash$   | H              | $\vdash$        |
|          | 11                               | $\vdash$ |          |              |              | H            | <del>                                     </del> | <del>                                     </del> | ├              | ┼               |
|          | 12                               | T        | Т        | Н            | $\vdash$     | $\vdash$     | t  | $\vdash$   | <del> </del>   | $t^-$           |
|          | 13                               |          |          | Π            |              |              | 1  | T-   | Т              | T               |
|          | 10<br>11<br>12<br>13<br>14<br>15 |          |          | Г            |              |              | Π  |  |                |                 |
|          | 15                               |          |          |              |              |              |  | Ι  |                |                 |
|          | 16<br>17<br>18                   |          |          |              |              |              |  |  |                |                 |
|          | 17                               | L        |          | L            |              |              |  |  |                |                 |
|          | 18                               |          |          |              | L            | _            |  | L  | L              |                 |
|          | 19                               | _        | L        | _            |              | <u> </u>     | L  |  | ļ              |                 |
|          | 20                               | L        | <u> </u> | L.           | <u> </u>     | <u> </u>     | _  | <u> </u>   |                |                 |
|          | 21                               | L        | <u> </u> | L            | <u></u>      | <u> </u>     | lacksquare                                       |  | L              |                 |
|          | 19<br>20<br>21<br>22<br>23       |          | <u> </u> | L.           | <u> </u>     | L            | <u> </u>   | <u> </u>   | Ļ              |                 |
|          | 23                               | L        |          | L            | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>       | _               |
|          | 24<br>25                         | <u> </u> | _        | <u> </u>     | ļ            | ⊢            |  | ⊢  |                |                 |
|          | 26                               | ⊢        | <u> </u> | -            | $\vdash$     | ⊢            | ├  | ⊢  | $\vdash$       | Н               |
|          | 27                               |          |          | <del> </del> | $\vdash$     | -            | ├  | ⊢  | ⊢              | Н               |
|          | 27<br>28                         | H        | _        |              | ⊢            | -            | -  | ┢  | ┢              | Н               |
|          | 29                               |          |          | -            | ┢            | ┢            |  | $\vdash$   | -              | Н               |
|          | 30                               |          |          | $\vdash$     | $\vdash$     | -            | $\vdash$   |  | ┝╴             | Н               |
|          | 30<br>31                         |          | _        |              | <u> </u>     |              | ╁  |  |                |                 |
|          | 32                               |          |          |              |              | Г            | Г  |  |                | П               |
|          | 33                               |          |          |              |              |              |  |  |                |                 |
|          | 34                               |          |          |              |              |              |  |  |                |                 |
|          | 35                               |          |          |              |              |              |  |  |                |                 |
|          | 36                               |          |          |              |              |              |  | 匚  |                |                 |
| ]        | 37                               | لــــا   |          |              | L            |              |  | Ĺ  |                |                 |
|          | 38                               |          |          |              | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   |                | Ш               |
| [        | 39                               | Н        |          | H            | L_           | <u> </u>     | ldash  | _  | Щ              | Щ               |
|          | 40                               | $\vdash$ |          |              |              | $\vdash$     | <u> </u>   |  |                | Щ               |
|          | 41<br>42                         | $\vdash$ | _        | $\vdash$     | <u> </u>     | $\vdash$     | $\vdash$   | $\vdash$   | <u> </u>       | $\vdash \vdash$ |
|          | 43                               | $\vdash$ |          | _            | _            | <del> </del> | <u> </u>   | <u> </u>   |                | $\vdash \vdash$ |
|          | 44                               | $\vdash$ | _        |              | _            | $\vdash$     | $\vdash$   | $\vdash$   |                | $\vdash \vdash$ |
|          | 45                               | H        |          | $\vdash$     | _            | ├            | $\vdash$   | $\vdash$   | H              | $\vdash$        |
| $\dashv$ | 46                               | $\vdash$ | _        | $\vdash$     | —            | $\vdash$     |  |  |                | $\vdash \vdash$ |
| $\dashv$ | 47                               | $\dashv$ |          | -            |              |              | $\vdash$   | -  | $\vdash$       | $\vdash$        |
|          | 48                               | $\vdash$ |          | -            |              | $\vdash$     | <u> </u>   | $\vdash$   | Н              | $\vdash \vdash$ |
|          | 49                               | $\dashv$ |          |              |              | Н            |  | <del> </del>                                     | $\vdash$       | $\vdash$        |
| $\dashv$ | 50                               | $\dashv$ | $\dashv$ |              |              | Н            |  | -  |                | $\dashv$        |

| Cla            | Claim                            |  |  | Date     |  |  |  |              |              |          |  |  |  |
|----------------|----------------------------------|--|--|----------|--|--|--|--------------|--------------|----------|--|--|--|
| Final          | Original                         |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 51                               |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 52<br>53                         | L  | <u>L</u>   | L        | <u> </u>   | <u> </u>   | <u></u>  |              | _            | <u> </u> |  |  |  |
|                | 53                               | <u> </u>   | _  | _        | _  | ╙  | ┖  | -            | <u> </u>     | _        |  |  |  |
|                | 54<br>55                         | ┞-   | ┞  |          | ┡  | -  | <b> </b> _                                       | ┡            | ┡            | ┡        |  |  |  |
|                | 55                               | <b> </b>   | -  | <u> </u> | ╀  | ⊢  | ⊢  | <b> </b> _   | <del> </del> | ┞-       |  |  |  |
| <u> </u>       | 56<br>57                         | ┢  | ┢  | ┢        | ├-   | ├  | ⊢  |              | ⊢            | ⊢        |  |  |  |
|                | 58                               | ╁  | ⊢  | ⊢        | ⊢  | ╁┈   | -  | ├            | ├            | ├        |  |  |  |
| $\vdash$       | 59                               | ┢  | ╁  | $\vdash$ | ├-   | +-   | -  | ⊢            | $\vdash$     | ⊢        |  |  |  |
| -              | 60                               | ╁╌   | $\vdash$   | -        | ╁─   | ╁  | $\vdash$   | $\vdash$     | ┼            | ⊢        |  |  |  |
| -              | 61                               | ╁  | -  | H        | ┢  | ╁┈   | ┢  | $\vdash$     | $\vdash$     | ⊢        |  |  |  |
|                | 62                               | <del>                                     </del> | t  | $\vdash$ | <del>                                     </del> | 1  | t  | t            | $\vdash$     | ┢        |  |  |  |
|                | 63                               | T  | t  | $\vdash$ | t  | t  | t  | t            | †            | $\vdash$ |  |  |  |
|                | 64                               | T  | $\vdash$   | 1        | t  | T  |  | T            | T            | T        |  |  |  |
|                | 65                               |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 66                               |  |  |          |  |  |  |              | П            |          |  |  |  |
|                | 67                               |  |  |          |  |  |  | L            |              |          |  |  |  |
| <u></u>        | 68<br>69                         | <u>L</u>   | <u> </u>   |          |  |  |  |              | <u> </u>     |          |  |  |  |
| <u></u>        | 69                               | <u> </u>   | L  |          | L.   | _  | _  | _            | <u> </u>     | _        |  |  |  |
| <u> </u>       | 70<br>71<br>72<br>73             | ļ  | ļ  | <u> </u> | _  | ┡  |  | <u> </u>     |              | _        |  |  |  |
| ļ              | 71                               | _  | _  | _        | _  | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u> |  |  |  |
| <u> </u>       | 72                               | ├-   | <u> </u>   | _        | L  | ▙  | _  | <b>!</b>     | ļ            | <u> </u> |  |  |  |
| -              | 74                               | -  | $\vdash$   | ⊢        | ┝╌   | ├  | ├  | <del> </del> | ┡            |          |  |  |  |
| -              | 75                               |  |  | ⊢        | ⊢  | ⊢  | ├  | ├─           | H            | ⊢        |  |  |  |
| $\vdash$       | 76                               | -  | ├  | -        |  | $\vdash$   | ┢  | ┢            | ⊢            |          |  |  |  |
| <b></b>        | 74<br>75<br>76<br>77<br>78<br>79 | _  | $\vdash$   | $\vdash$ |  | <del>                                     </del> | <del>                                     </del> | <del> </del> | -            | -        |  |  |  |
|                | 78                               | <del>                                     </del> | <del>                                     </del> | _        |  | <u> </u>   | _  | $\vdash$     |              | -        |  |  |  |
|                | 79                               |  |  |          | T  | t  | _  |              |              |          |  |  |  |
|                | 80                               |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 81                               |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 82                               | L  |  | <u> </u> |  |  |  | L            | <u> </u>     |          |  |  |  |
|                | 83                               |  | $oxed{oxed}$                                     | _        |  | _  | L  |              |              | L        |  |  |  |
|                | 84                               | <u> </u>   | <u> </u>   |          | _  |  | <u> </u>   |              |              | _        |  |  |  |
| _              | 85                               | ┝  | ┡  |          | <u> </u>   |  | <u> </u>   | <u> </u>     | _            | _        |  |  |  |
| <u> </u>       | 86                               | _  |  | _        |  | H  |  | H            | <u> </u>     |          |  |  |  |
| $\vdash$       | 87<br>88                         |  | -  | $\vdash$ | ├─   | ┝  | $\vdash$   | <del> </del> |              |          |  |  |  |
|                | 89                               | ┝  | $\vdash$   |          | -  | ┢  | $\vdash$   | ┢──          | -            |          |  |  |  |
| <u> </u>       | 90                               | <del>                                     </del> | $\vdash$   |          | -  |  | $\vdash$   | <del> </del> | -            |          |  |  |  |
|                | 91                               |  | Т  |          |  |  |  |              |              |          |  |  |  |
|                | 92                               |  |  |          |  |  | _  |              |              |          |  |  |  |
|                | 93                               |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 94                               |  |  |          |  |  |  |              |              |          |  |  |  |
|                | 95                               |  |  |          |  | $\Box$   |  |              |              |          |  |  |  |
| L              | 96                               | <u> </u>   | L.   | _        | lacksquare                                       | $oxed{oxed}$                                     | $\vdash$   | L_           |              |          |  |  |  |
|                | 97                               |  |  | Ш        |  | Щ  | _  | <u> </u>     | _            |          |  |  |  |
| <u></u>        | 98                               | ļ  |  |          | $\vdash$   | $\vdash$   |  | H            |              | _        |  |  |  |
| $\vdash\vdash$ | 99                               |  | H  | <b> </b> | H  | $\vdash$   |  |              | Щ            |          |  |  |  |
| لــــا         | 100                              |  | L  |          |  | oxdot  |  | Ц.           | اللا         | 1        |  |  |  |

| CI       | aim        | Date     |  |          |                    |              |  |  |          |                 |  |
|----------|------------|----------|--|----------|--------------------|--------------|--|--|----------|-----------------|--|
|          |            |          | Γ  | Γ        | Γ                  |              |  |  |          |                 |  |
| Final    | Original   |          |  |          |                    |              |  |  |          |                 |  |
|          |            |          | -  | ⊢        | -                  |              | H  | ┝  | ┞        | Н               |  |
|          | 101<br>102 | -        | ┝  | ⊢        | ┝                  | ├            | ┢  | ├  | -        | Н               |  |
|          | 103        | ├—       | -  | ╁        | ┢                  | -            | ┢  | ├  | ╁        | Н               |  |
| $\vdash$ | 104        | $\vdash$ | $\vdash$   | $\vdash$ | ┢                  | ├─           | ┢  | ╁  | $\vdash$ | $\vdash$        |  |
| _        | 104<br>105 | -        | <del>                                     </del> | -        | ╁                  | -            | $\vdash$   | ╁  | ╁─       | Н               |  |
| -        | 106        | $\vdash$ | $\vdash$   |          |                    | $\vdash$     | Н  | $\vdash$   | $\vdash$ | Н               |  |
|          | 107        | _        | _  | $\vdash$ | $I^-$              | $\vdash$     | <del>                                     </del> | <del>                                     </del> | ╁╴       | Н               |  |
|          | 108        |          |  |          |                    | T            |  | 1  | †=       | H               |  |
|          | 109        |          |  |          | i                  |              | Т  | T  | i –      | П               |  |
|          | 110        |          |  |          |                    |              |  |  |          |                 |  |
|          | 111        |          |  |          |                    |              |  |  |          |                 |  |
|          | 112        |          |  |          |                    |              |  |  |          |                 |  |
|          | 113        |          | $oxed{oxed}$                                     | Ш        | $oxedsymbol{oxed}$ |              | $oxedsymbol{oxed}$                               | L  |          |                 |  |
|          | 114        |          | L  | <u> </u> | L                  | Щ            | _  | <u> </u>   | L.       | Ш               |  |
| ļ        | 115        | _        | oxdot  | <u> </u> | <u> </u>           | <u> </u>     | <u> </u>   | $\vdash$   | <u> </u> | Щ               |  |
|          | 116        |          | <u> </u>   | <u> </u> |                    | _            |  | _  | <u> </u> | Ш               |  |
|          | 117        | _        |  | <u> </u> | ├-                 | -            |  |  | _        | $\vdash \vdash$ |  |
|          | 118<br>119 |          | ├  | ├        | -                  | <del> </del> | <u> </u>   | ┝  | ⊢        | $\vdash$        |  |
|          | 120        |          | ┝  | -        | -                  |              | ├  | ⊢  | ⊢        | Н               |  |
|          | 121        |          |  | ├        | ┢                  | -            | ┝  | ├-   |          | Н               |  |
|          | 121<br>122 | _        | $\vdash$   | H        | -                  |              |  | ┢  | ┢        | Н               |  |
|          | 123        |          |  |          | $\vdash$           | -            | $\vdash$   | ┢  | ┢        | Н               |  |
|          | 123<br>124 |          |  | Т        |                    | H            |  | $\vdash$   | $\vdash$ | $\vdash$        |  |
|          | 125        |          |  |          |                    |              |  |  | _        | П               |  |
|          | 126<br>127 |          |  |          |                    |              |  |  |          |                 |  |
|          | 127        |          |  |          |                    |              |  |  |          |                 |  |
|          | 128        |          | L  |          |                    |              |  |  |          |                 |  |
|          | 129<br>130 |          | L.   | <u> </u> |                    |              |  | _  |          | Ш               |  |
|          | 130        | _        |  | _        | <u> </u>           | <u> </u>     |  | _  |          |                 |  |
|          | 131        | _        |  |          |                    |              | _  | <u> </u>   | L.       | Ш               |  |
|          | 132<br>133 |          | _  | _        | _                  | _            |  |  | H        | -               |  |
|          | 134        |          |  | _        | _                  |              |  |  |          |                 |  |
|          | 135        |          |  | $\vdash$ | -                  |              |  |  |          |                 |  |
|          | 136        |          |  | _        | _                  |              | _  | -  | ┝╌       |                 |  |
|          | 137        |          |  |          | _                  | Н            |  | -  | $\vdash$ |                 |  |
|          | 138        |          |  |          |                    |              |  |  | $\vdash$ | _               |  |
|          | 139        |          |  |          |                    |              |  |  |          | $\neg$          |  |
|          | 140        |          |  |          |                    |              |  |  |          |                 |  |
| ]        | 141        |          |  | Ц        |                    |              |  | 匚  |          |                 |  |
|          | 142        |          |  |          |                    |              |  | Ц  |          |                 |  |
|          | 143        | _        |  |          |                    |              |  | L  |          | Щ               |  |
|          | 144        |          | _  | $\dashv$ |                    | Щ            |  | Ш  |          | Ц               |  |
|          | 145        | $\dashv$ |  |          | _                  | $\vdash$     | _  | $\vdash$   | <u> </u> | _               |  |
|          | 146<br>147 | $\dashv$ | -  |          |                    | $\dashv$     | -  |  | H        | $\dashv$        |  |
|          | 148        | $\dashv$ | -  | -        |                    | $\dashv$     |  | ļ  | Н        |                 |  |
|          | 149        | $\dashv$ |  | $\dashv$ | _                  | $\vdash$     | _  | $\vdash$   | Н        | $\dashv$        |  |
|          | 150        |          |  | $\dashv$ | -                  | -+           |  | -  | $\vdash$ |                 |  |
|          | 130        |          |  |          |                    |              |  |  |          |                 |  |